



# *Southampton 400+*

Town Board Update

May 25 2017



***Co-Chairs:*** Glorian Berk, Dieter von Lehsten

***Members:*** Lynn Arthur, John Barrows, Julie Burmeister,  
Scott Carlin, Bill Chaleff, Jennifer Halsey Dupree,  
Sheryl Heather, Jennifer Keller, Nicholas Palumbo,  
Gordian Raacke, Ann Reisman, Shavonne Smith

***Town Board Liaisons:*** John Bouvier, Christine Scalera

***Town Staff:*** Christine Fetten, Janice Scherer, Frank Zappone



Guided by the comprehensive vision of the Southampton 400+ Plan; led by forward looking elected officials and committed staff; supported by a passionate advisory committee; and inspired by the will of our community - the Town of Southampton is making significant progress on a wide range of sustainability initiatives to protect the legacy of its environment for future generations.

# WATER TOPICS



REGIONAL CLEAN WATER  
COALITION

SURFACE WATER QUALITY

WATER CONSERVATION

EDUCATION

REGULATED WATER USE  
CONSERVATION STANDARDS

WATER TREATMENT AND REUSE

LANDSCAPE MANAGEMENT

DRINKING WATER QUALITY

STORMWATER MANAGEMENT

WETLANDS PROTECTION &  
RESTORATION

FLOODPLAINS

WATER PLANNING & EMERGENCY  
MGMT

**\*Goal:** Restore and protect the Town's ground and surface waters to ensure their ability to support public health and the maritime, recreational and resort activities that underpin Southampton's way of life and economy.

## **2016 Actions Taken**

- ✓ Conducted outreach to support CPF Referendum
- ✓ Letters of opposition to PSEG re: Penta Poles

## **2017 Plan**

- Advocate for alternative Septic System nitrogen reduction technologies to town and county
- Liaise with CPF fund committee to set priorities

## **Recommended Evaluation Opportunities**

- Compostable Toilets @ Town Parks & Beaches
- Identify grant opportunities

**Champion(s):** Dieter von Lehsten

**\* Sustainability 400+ Plan**

## GREEN BUILDING TOPICS



SUSTAINABLE NEW  
CONSTRUCTION

GREEN BUILDING EDUCATION

WATER EFFICIENCY IN BUILDINGS

HEAT ISLAND EFFECT - ROOFS

**\*Goal:** Promote new development that minimizes the carbon footprint of building construction, renovation and operations, that provides a healthy environment for occupants, and that utilize natural systems to support a high quality of life..

### **2016 Actions Taken**

- ✓ Advocated for NYSERDA Energy Code Training
- ✓ Assisted E Hampton to standardize on SH's HERS code
- ✓ Support for Affordable Housing projects

### **2017 Plan**

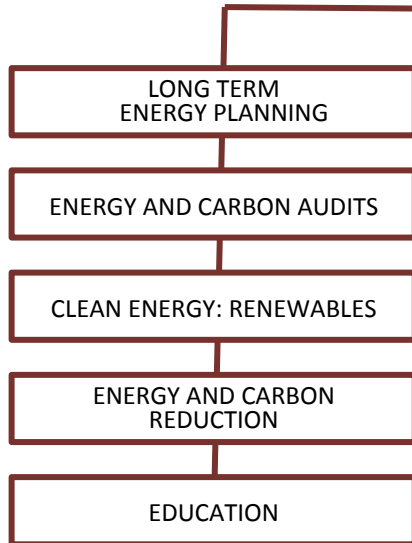
- Recommend building flexibility into existing Accessory Apartment code
- Encourage mapping to illustrate neighborhood septic collection systems with possible locations for treatment centers
- Invite Renaissance to update on Riverside Rediscovered
- Identify grant opportunities

**Champion:** Bill Chaleff

# ENERGY & CARBON TOPICS



**\*Goal:** Become carbon neutral through a combination of conservation, efficiency, and alternative energy sources.



## **2016 Actions Taken**

- ✓ Initiated REV demo Demand Response Pilot w/PSEG & Dept. Public Service
- ✓ Assisted Town Staff w/NY Prize (microgrid) Phase II and Solar code
- ✓ Advocated for Community Choice Aggregation (CCA)
- ✓ Participated in NYSERDA programs: LI Green Homes, Solarize Southampton, Clean Communities Grant competition
- ✓ Advocated for regional clean energy initiatives: PSEG's South Fork RFP, Offshore Wind

## **2017 Plan**

- Evaluate Clean Energy Communities expansion.
- Actively participate in PSEG's programs to address South Fork shortfall
- Evaluate CCA, test constituency interest in demand response
- Recommend actions to meet 100% renewable goal by 2025
- Identify grant opportunities

## ***Recommended Evaluation Opportunities to reduce operating costs and Decrease dependence on fossil fuels***

- Rooftop Solar on town buildings and car ports
- LED lighting in parks, town buildings and at transfer stations

**Champion(s):** Lynn Arthur

## EDUCATION TOPICS



**\*Goal:** Use fact-based education as a tool to advance awareness, generate civic engagement and support meaningful change. Conduct education activities that will fuel government action, and promote sustainable lifestyles on the part of Town resident and visitors. **Scope:** Energy Efficiency, Renewable, Eliminate fossil fuel Dependence

### 2016 Actions Taken

- ✓ Conducted outreach program, 200 home energy audits completed, 30 rooftop solar contracts
- ✓ Outreach booth at Events
- ✓ Work closely with town staff to execute program

### 2017 Planned Actions

- Expand targeted network to include small businesses
- Solar home tours
- Emphasize rooftop and Community Solar
- Investigate integration of Google tool for rooftop solar
- Develop Phantom Load program for middle & high schools
- Identify grant opportunities

**Champion:** Lynn Arthur

## QUALITY OF LIFE TOPICS



PROMOTION OF  
PHYSICAL ACTIVITY

LOCAL FOOD

AIR QUALITY

FAÇADE IMPROVEMENT

EDUCATIONAL

EMERGENCY PREPAREDNESS

**\*Goal:** provide access for all Town residents to a healthy lifestyle including opportunities for active recreation, locally produced /organic food, safe drinking water, educational and cultural activities, community engagement, and personal fulfillment.

### **2016 Actions Taken**

- ✓ Led public forum on quiet & sustainable landscape maintenance practices at Suffolk Community College (SCC)
- ✓ Pilot Green Zone project established at East Quogue village Green

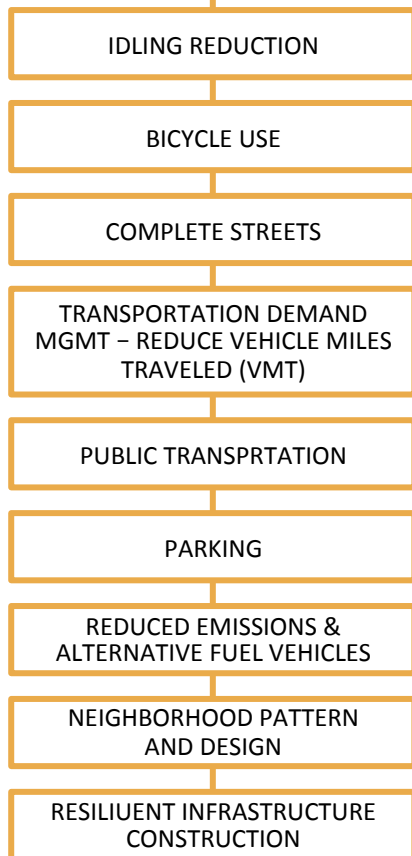
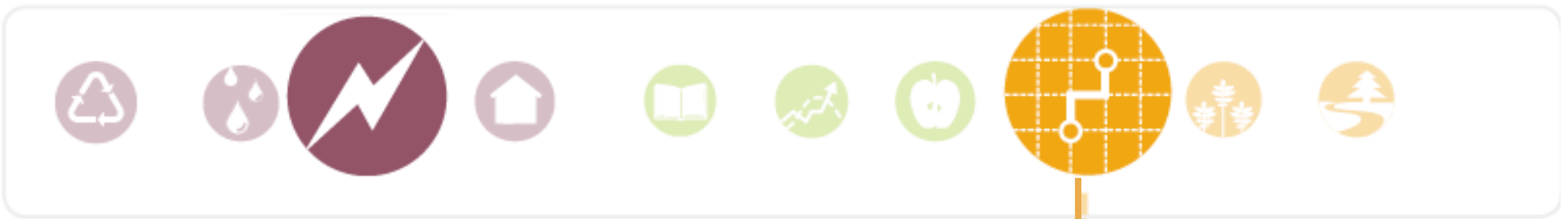
### **2017 Planned Actions**

- Advocate for enhanced pesticide restrictions on CPF and town properties
- Support SurfRider/Progressive Coalition Styrofoam Ban campaign

**Champion(s):** Nick Palumbo



## TRANSPORTATION / AIR QUALITY TOPICS



**\*Goal:** Reduce transportation impacts on environmental quality, green- house gas emissions and public safety through the promotion of alt modes including walking, biking, transit, higher vehicle occupancies, and low-emission/alternate fuel vehicles.

### **2016 Actions Taken**

- ✓ Encouraged initial transition of municipal fleet to alternative fuel vehicles
- ✓ Initiated planning for public EV charging station infrastructure
- ✓ Advocated for regional Bike-Share Program in conjunction w/USGBC LI and Suffolk Community College

### **2017 Planned Actions**

- Advocate enhanced LIRR service and local bus connections
- Advocate for a Regional Bike Plan

### **Recommended Evaluation Opportunities**

- FREE transportation from LIRR to Ocean beaches
- Evaluate EV for Senior Services Shuttle Bus
- Identify grant opportunities
- Consider Electric Vehicles and siting EV charging stations for public access

**Champion(s):** Nick Palumbo



## STEWARDSHIP TOPICS



TRAIL PRESERVATION

HISTORIC PLACES

FISHERIES

NUTRIENTS IN ENVIRONMENT

EDUCATION

VACANT LAND

FOREST & VEGETATION

**Goal:** Ensure sustainable stewardship of the Town's natural, cultural, historic, and scenic resources, in both public and private ownership.

### **2016 Actions Taken**

- ✓ Consulted on Tupper Boat House Restoration Project
- ✓ Contributed to planning of Good Ground Park trails
- ✓ Collaborated w/East Hampton's Energy Sustainability committee

### **2017 Planned Actions**

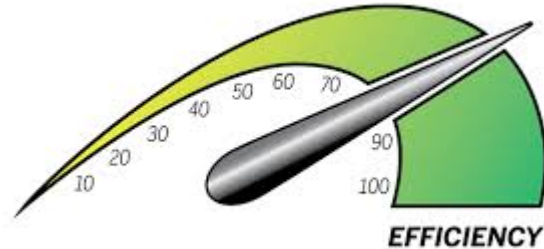
- Invite for discussion Tupper Boat House, Ponquogue Pavilion and Good Ground Park as potential Sustainability Showcase Sites

### **Recommended Evaluation Opportunities**

- Plan event to highlight historic places
- Invite Parks & Rec. to collaborate re: how to build Sustainability into its plan
- Identify grant opportunities
- Collaborate w/Board Liaison concerning how best to make recommendations concerning Sustainability measures

**Champion(s):** Ann Reisman, Glorian Berk

# How Can We Do Even Better?



## ***Challenges:***

### **Budget**

- Explore Power Purchase Agreements, Energy Performance Contracts and other forms of zero capital funding.
- Aggressively pursue grant opportunities.

### **Staffing**

- Utilize NYS technical resources available through programs such as Clean Energy Communities.
- Collaborate with other municipalities (EH, Riverhead, Southampton Village) on projects of mutual interest.

### **Process**

- Incorporate sustainability elements into codes & policies for capital projects, procurement requirements, etc. RFPs should directly reference the 400+ plan and incorporate other benchmark standards/processes: e.g.: USGBC LEED guidelines for capital projects, Suffolk County Municipal Pesticide Application Legislation for grounds maintenance, US DOE AFV Fleet Program for replacement vehicle purchases, etc.
- Set timelines and targets for goals described in 400+ plan.
- Provide opportunity for regular interaction between Sustainability Committee and Town Departments/Boards.

תודה  
Dankie Gracias  
Спасибо شكرًا  
Merci Takk  
Köszönjük Terima kasih  
Grazie Dziękujemy Děkojame  
Ďakujeme Vielen Dank Paldies  
Kiitos Täname teid 谢谢  
**Thank You** Tak  
感謝您 Obrigado Teşekkür Ederiz  
Σας ευχαριστούμε 감사합니다  
Bedankt ขอบคุณ  
Děkujeme vám  
ありがとうございます  
Tack

# Appendices

- Subjects Discussed
- Presentations
- Involvement
- Summary/Capital Project Potential

# Subjects Discussed

## **ENERGY**

- LI Green Homes
- Tri-Energy
- NY Prize
- Community Solar
- PACE
- PSEG South Fork RFP
- Geo-thermal
- REV
- Citizen Climate Lobby
- Solar Code
- EV
- CEC

Quiet Communities

PSEG Penta Poles

## **WATER QUALITY RELATED**

- Septic System Nitrogen reduction
- Sewage Vacuum Septic system Shinnecock
- Water Protection Plan

# Presentations

2/02 Quiet Communities (electric landscaping equipment)

2/16 Citizen Climate Lobby (Carbon tax)

- Speakers: Tip Brolin, Don Matheson

3/1 Deep Water Wind (off shore wind farms to power the south fork)

- Client Plumber, Deep Water Wind

4/14 NYSERDA Programs (REV grant funding to motivate adoption)

- Brad Tito, Dept of Public Service

6/7 NY Prize Round 2 (Microgrid)

- Bob Foxen, CEO Global Common

6/21 South Fork RFP Demand Response proposal from AEG

- Bruce Hamenik, AEG

9/6 Clean energy Standard (law went into effect August 1)

- John Garvey, LI Department of Public Service

9/20 Ecological Culture Initiative (landscaping & food production)

- Mark Fasanella

10/18 NYSERDA Clean Energy Communities Grant (competition)

- Bill Achnitz, LI Green Homes

11/1 Electric Vehicle Fleet planning

- Dennis Rowan, independent consultant

11/15 United Nations Environment Conference, Korea (Global energy conference)

- Scott Carlin, member

# Involvement

- Sustainability committee meetings
  - 21 in Southampton
  - 16 in East Hampton
- Energy related Webinars: 6
- Peconic Land Trust: 3 meetings
- Lecturers: 1/29 wind Rich Barrons
- 4/23 Shinnecock Nation Earth Day
- 5/9 NY Center for Clean Water Technology
- 5/17 DPS Clean Energy Standard Public Hearing, Riverhead
- 5/18 LIPA Board Meeting, Uniondale
- 6/2 Southampton Board Worksession: REV
- 6/15 South Fork Clean Energy Forum, Wainscott
- 6/17 Sea Scouts, Bridgehampton
- 7/4 Parade tri-Energy Float
- 7/8 SOMAS Clams for Clams
- 8/9 Reso Public Hearing



# Involvement

- 8/25 East End Resilience meeting, East Hampton
- 9/15 Southampton Town Board work session
- 9/16 Molloy College
- 9/21 LIPA Board Meeting
- 9/23 Clean air Tax Cut Columbia University
- 9/27 Off Shore Wind Energy Meeting, Melville
- 10/1 San Genaro Festival
- 10/6 SBU Advisory Board Meeting
- 10/7 Tri-Energy Meeting w/Larry Cantwell
- 10/10 Visit to Block Island offshore wind park
- 10/11 No Sea CAC: Janice Shearer, CPF Referendum presentation
- 11/1 SOMAS Clam Deployment Shinnecock Bay (on boats)
- 11/16 Sustainability Meeting, Molloy College, Farmingdale
- 12/8 SH Town Hall - Public Hearing - Little Fresh Pond
- 12/20 LIPA off shore wind demonstration, Uniondale

## Summary : Capital Projects which may intersect with 400 Plan

- Lighting
  - Parks
- Rooftop Solar .. County justify?
  - Animal Shelter HVAC
  - Police HQ
  - Ponquogue Bathing Facility
  - Tupper Boat House
- Compostable Toilets
  - Good Ground Park
  - Scott Cameron Beach
  - Ponquogue Bathing Facility
  - Shinnecock Canal Maritime Park
  - Tupper Boat House
- Solar car ports
  - Jackson Ave Parking Lots
- EV
  - Senior Services Shuttle Bus